

Amendments to the Specification

Page 8, **please replace the paragraph spanning lines 2-5 with the following rewritten paragraph:**

(ii) a mole fraction of methyl groups originating from ~~aluminoxane-part~~ trimethylaluminum, relative to the total moles of methyl groups existing in the generated polymethylaluminoxane preparation is not more than 26 mol%; and

Page 8, **please replace the paragraph spanning lines 15-20 with the following rewritten paragraph:**

(4) A method of producing a polymethylaluminoxane preparation having a mole fraction of methyl groups originating from ~~aluminoxane-part~~ trimethylaluminum, relative to the total moles of methyl groups of not more than 26 mol% and a viscosity of not more than 2.1×10^{-3} Pa·sec at 40°C, the method comprising the steps of:

Page 18, **please replace the paragraph spanning lines 7-14 with the following rewritten paragraph:**

If a molar fraction of methyl groups originating from ~~aluminoxane-part~~ trimethylaluminum to the total molar number of methyl groups existing in a ~~polymethylaluminum-~~ polymethylaluminum preparation obtained by thermal decomposition of trimethylaluminum and an oxygen-containing compound is more than 26 mol%, an activity in olefin polymerization using the polymethylaluminoxane preparation is impaired, and hence functionality as a promoter for olefin polymerization is impaired.